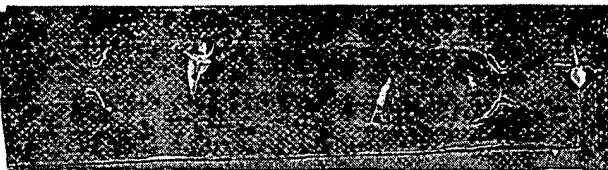


30490 U.S. PTO  
09/322457  
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|                      |          |
|----------------------|----------|
| 709                  | 224      |
| Class                | Subclass |
| ISSUE CLASSIFICATION |          |



PATENT NUMBER

# U.S. UTILITY PATENT APPLICATION

|                   |                    |                       |
|-------------------|--------------------|-----------------------|
| SCANNED <i>MT</i> | O.I.P.E. <i>EC</i> | PATENT DATE <i>du</i> |
|-------------------|--------------------|-----------------------|

|        |                  |                     |                      |                      |
|--------|------------------|---------------------|----------------------|----------------------|
| SECTOR | CLASS <i>709</i> | SUBCLASS <i>224</i> | ART UNIT <i>2137</i> | EXAMINER <i>Tang</i> |
|--------|------------------|---------------------|----------------------|----------------------|

FILED WITH: ☐ DISK (CRF) ☐ FICHE  
(Attached in pocket on right inside flap)

## PREPARED AND APPROVED FOR ISSUE

### ISSUING CLASSIFICATION

| ORIGINAL                     |          | CROSS REFERENCE(S) |                                   |  |  |  |  |
|------------------------------|----------|--------------------|-----------------------------------|--|--|--|--|
| CLASS                        | SUBCLASS | CLASS              | SUBCLASS (ONE SUBCLASS PER BLOCK) |  |  |  |  |
| 709                          | 224      | 718                | 104                               |  |  |  |  |
| INTERNATIONAL CLASSIFICATION |          |                    |                                   |  |  |  |  |
| G 06 F                       | 15       | 173                |                                   |  |  |  |  |
| G 06 F                       | 9        | 46                 |                                   |  |  |  |  |
|                              |          |                    |                                   |  |  |  |  |
|                              |          |                    |                                   |  |  |  |  |
|                              |          |                    |                                   |  |  |  |  |
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|---|---|--------------------------|-------------------------|--|----------------------------------|
| <input type="checkbox"/> <b>TERMINAL DISCLAIMER</b>   | DRAWINGS  |                          |                         | CLAIMS ALLOWED   |                                  |
|   | Sheets Drwg.<br><i>70</i>   | Figs. Drwg.<br><i>70</i> | Print Fig.<br><i>20</i> | Total Claims<br><i>10</i>                              | Print Claim for O.G.<br><i>1</i> |
| <input type="checkbox"/> a) The term of this patent subsequent to _____ (date) has been disclaimed.   | <i>Kenneth Tang</i><br>(Assistant Examiner) <i>5/14/04</i><br>(Date)  |                          |                         | NOTICE OF ALLOWANCE MAILED<br><i>05/17/04</i>          |                                  |
| <input type="checkbox"/> b) The term of this patent shall not extend beyond the expiration date of U.S. Patent. No. _____   | <i>Meng-ai T. An</i><br>SUPERVISORY PATENT EXAMINER<br>TECHNOLOGY CENTER 21005<br>(Primary Examiner) <i>5/14/04</i><br>(Date) |                          |                         | ISSUE FEE<br>Amount Due <i>\$ 1330</i> Date Paid _____ |                                  |
| <input type="checkbox"/> c) The terminal _____ months of this patent have been disclaimed.  | <i>Sharon Blaylock</i><br>(Legal Instruments Examiner) <i>05-19-04</i><br>(Date)  |                          |                         | ISSUE BATCH NUMBER                                     |                                  |
| <b>WARNING:</b><br>The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 368. Possession outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractors only. |   |                          |                         |  |                                  |

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